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Timestamp: [year=2010; month=12; day=14; hr=12; min=36; sec=5; ms=475; ]

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Application No: 08793408 Version No: 1.0

Input Set:

Output Set:

Started: 2010-12-14 11:55:31.972  
Finished: 2010-12-14 11:55:32.885  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 913 ms  
Total Warnings: 0  
Total Errors: 0  
No. of SeqIDs Defined: 18  
Actual SeqID Count: 18

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Choo, Yen  
Klug, Aaron  
Sanchez Garcia, Isidro

(ii) TITLE OF INVENTION: Improvements in or Relating to  
Binding Proteins for Recognition of DNA

(iii) NUMBER OF SEQUENCES: 18

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.  
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(E) COUNTRY: USA  
(F) ZIP: 20005-3918

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: Word Perfect

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08793408  
(B) FILING DATE: 1997-06-02  
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:  
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/GB95/01949  
(B) FILING DATE: 17-AUG-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9514698.1  
(B) FILING DATE: 18-JUL-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9422534.9  
(B) FILING DATE: 08-NOV-1994

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: GB 9416880.4  
(B) FILING DATE: 20-AUG-1994

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 60 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTCCTGCAGT TGGACCTGTG CCATGGCCGG CTGGGCCGCA TAGAATGGAA	50
CAACTAAAGC	60

(2) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 92 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS:
  - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Met Ala Glu Glu Arg Pro Tyr Ala Cys Pro	
	5 10
Val Glu Ser Cys Asp Arg Arg Phe Ser Arg	
	15 20
Ser Asp Glu Leu Thr Arg His Ile Arg Ile	
	25 30
His Thr Gly Gln Lys Pro Phe Gln Cys Arg	
	35 40
Ile Cys Met Arg Asn Phe Ser Xaa Xaa Xaa	
	45 50
Xaa Leu Xaa Xaa His Xaa Arg Thr His Thr	
	55 60
Gly Glu Lys Pro Phe Ala Cys Asp Ile Cys	
	65 70
Gly Arg Lys Phe Ala Arg Ser Asp Glu Arg	
	75 80
Lys Arg His Thr Lys Ile His Leu Arg Gln	
	85 90
Lys Asp	

(2) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 26 base pairs

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TATGACTTGG ATGGGAGACC GCCTGG

26

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 28 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

AATTCCAGGC GGTCTCCCAT CCAAGTCA

28

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 21 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TATATAGCGT GGGCGTATAT A

21

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 24 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GCGTATATAC GCCCACGCTA TATA

24

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 21 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

TATATAGCGN NNGCGTATAT A

21

(2) INFORMATION FOR SEQ ID NO: 8:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 24 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

GCGTATATAC GCNNNCGCTA TATA 24

(2) INFORMATION FOR SEQ ID NO: 9:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 33 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

TTCCATGGAG ACGCAGAAGC CCTTCAGCGG CCA 33

(2) INFORMATION FOR SEQ ID NO: 10:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 33 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TTCCATGGAG ACGCAGGTGA GTTCCTCACG CCA 33

(2) INFORMATION FOR SEQ ID NO: 11:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 33 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

CCCCTTTCTC TTCCAGAAGC CCTTCAGCGG CCA 33

(2) INFORMATION FOR SEQ ID NO: 12:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 33 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS:
  - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Met Ala Glu Glu Lys Pro Phe Gln Cys Arg  
5 10

Ile Cys Met Arg Asn Phe Ser Asp Arg Ser  
15 20

Ser Leu Thr Arg His Thr Arg His Thr Gly  
25 30

Glu Lys Pro

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 33 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Met Ala Glu Glu Lys Pro Phe Gln Cys Arg  
5 10

Ile Cys Met Arg Asn Phe Ser Glu Arg Gly  
15 20

Thr Leu Ala Arg His Glu Lys His Thr Gly  
25 30

Glu Lys Pro

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 27 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Phe Gln Cys Arg Ile Cys Met Arg Asn Phe  
5 10

Ser Gln Gly Gly Asn Leu Val Arg His Leu  
15 20

Arg His Thr Gly Glu Lys Pro  
25

(2) INFORMATION FOR SEQ ID NO: 15:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 26 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS:
  - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

Phe	Gln	Cys	Arg	Ile	Cys	Met	Arg	Asn	Phe
				5					10
Ser	Gln	Ala	Gln	Thr	Leu	Gln	Arg	His	Leu
				15					20
Lys	His	Thr	Gly	Glu	Lys				
				25					

(2) INFORMATION FOR SEQ ID NO: 16:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 26 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS:
  - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

Phe	Gln	Cys	Arg	Ile	Cys	Met	Arg	Asn	Phe
				5					10
Ser	Gln	Ala	Ala	Thr	Leu	Gln	Arg	His	Leu
				15					20
Lys	His	Thr	Gly	Glu	Lys				
				25					

(2) INFORMATION FOR SEQ ID NO: 17:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 26 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS:
  - (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

Phe	Gln	Cys	Arg	Ile	Cys	Met	Arg	Asn	Phe
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	5	10
Ser Gln Ala Gln Asp Leu Gln Arg His Leu		
	15	20
Lys His Thr Gly Glu Lys		
	25	

(2) INFORMATION FOR SEQ ID NO: 18:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 89 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Met Ala Glu Glu Lys Pro Phe Gln Cys Arg		
	5	10
Ile Cys Met Arg Asn Phe Ser Asp Arg Ser		
	15	20
Ser Leu Thr Arg His Thr Arg Thr His Thr		
	25	30
Gly Glu Lys Pro Phe Gln Cys Arg Ile Cys		
	35	40
Met Arg Asn Phe Ser Asp Arg Ser His Leu		
	45	50
Thr Arg His Thr Arg Thr His Thr Gly Glu		
	55	60
Lys Pro Phe Gln Cys Arg Ile Cys Met Arg		
	65	70
Asn Phe Ser Asp Arg Ser Asn Leu Thr Arg		
	75	80
His Thr Arg Thr His Thr Gly Glu Lys		
	85	